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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DOCKET NO. 5000-4867	SERIAL NO. 09/824,324
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Takahiro HOSHIDA et al.	
		FILING DATE April 2, 2001	GROUP ART UNIT 3745

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GR	1.	4,829,954	5/16/89	Morgado	123	193	4/7/88
GR	2.	5,878,652	3/9/99	Kottke	92	258	12/5/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
GR	3. CH 675455 A5	9/28/90	Switzerland	5	F 04 B	X (Abstract)	
GR	4. JP 10-077965	3/24/98	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

GR		Japanese abstract JP 10-077965, 3/24/98, Tokumasa Hiroshi			

EXAMINER JOHN E. RYZNIC PRIMARY EXAMINER	DATE CONSIDERED 8/8/2
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.